

WHAT IS CLAIMED IS:

1. A display device comprising:  
light emitting elements formed over a light  
5 transmissive substrate;  
a first display surface over one surface of the light  
transmissive substrate; and  
a second display surface over the other surface of the  
light transmissive substrate,  
10 wherein an image is displayed on a first display screen  
formed on the first display surface and a second display screen  
formed on the second display surface using a light from the light  
emitting elements, and  
wherein the first display screen is larger than the  
15 second display screen.

2. The display device according to claim 1, wherein the  
light emitting elements emit white light, and a color filter  
is provided over the light transmissive substrate.  
20

3. The display device according to claim 1, wherein the  
light emitting elements emit different colored lights.

4. The display device according to claim 1, wherein a  
25 scan direction of the first display screen is different from

a scan direction of the second display screen.

5. The display device according to claim 4, wherein the first display screen and the second display screen comprise a signal line driver circuit in common, and the signal line driver circuit comprises switching means for changing the scan direction of the first display screen and the scan direction of the second display screen.

10 6. The display device according to claim 4, wherein the display device comprises a volatile storage and a switching means for changing the reading order of data stored in the volatile storage.

15 7. The display device according to claim 1, wherein the first display surface and the second display surface are sandwiched by two polarizers having different polarization directions.

20 8. The display device according to claim 7, wherein a crossing angle of the polarization directions of the two polarizers is in a range of 45 to 90 degrees.

9. The display device according to claim 1, wherein the display device comprises a signal line driver circuit which is

25

capable of arbitrarily selecting a signal line from a plurality of signal lines extending on the first display screen and the second display screen, and capable of outputting an image signal to the signal line.

5

10. The display device according to claim 1, wherein a photoelectric converter is provided on at least one of the first display screen and the second display screen.

10

11. A display device comprising:

light emitting elements formed over a light transmissive substrate;

a first display surface over one surface of the light transmissive substrate; and

15 a second display surface over the other surface of the light transmissive substrate,

wherein an image is displayed on a first display screen formed on the first display surface and a plurality of second display screens formed on the second display surface using a  
20 light from the light emitting elements.

12. The display device according to claim 11, wherein the light emitting elements emit white light, and a color filter is provided over the light transmissive substrate.

25

13. The display device according to claim 11, wherein the light emitting elements emit different colored lights.

14. The display device according to claim 11, wherein  
5 a scan direction of the first display screen is different from a scan direction of the second display screen.

15. The display device according to claim 14, wherein the first display screen and the second display screen comprise  
10 a signal line driver circuit in common, and the signal line driver circuit comprises switching means for changing the scan direction of the first display screen and the scan direction of the second display screen.

15 16. The display device according to claim 14, wherein the display device comprises a volatile storage and a switching means for changing the reading order of data stored in the volatile storage.

20 17. The display device according to claim 11, wherein the first display surface and the second display surface are sandwiched by two polarizers having different polarization directions.

25 18. The display device according to claim 17, wherein

a crossing angle of the polarization directions of the two polarizers is in thea rage of 45 to 90 degrees.

19. The display device according to claim 11, wherein  
5 the display device comprises a signal line driver circuit which is capable of arbitrarily selecting a signal line from a plurality of signal lines extending on the first display screen and the second display screen, and capable of outputting an image signal to the signal line.

10

20. The display device according to claim 11, wherein a photoelectric converter is provided on at least one of the first display screen and the second display screen.

15

21. An electronic apparatus comprising:

a light emitting element formed on a light transmissive substrate; and

display means for emitting light from the light emitting element to the light transmissive substrate side and the  
20 opposite side thereof so as to form a first display surface and a second display surface,

wherein a first display screen formed on the first display surface is larger than a second display screen formed on the second display surface.

25

22. The electronic apparatus according to claim 21,  
wherein the electronic apparatus is a personal computer.

23. The electronic apparatus according to claim 21,  
5 wherein the electronic apparatus is a video camera.

24. The electronic apparatus according to claim 21,  
wherein the electronic apparatus is a digital camera.

10 25. The electronic apparatus according to claim 21,  
wherein the electronic apparatus is a portable communication  
tool.

26. The electronic apparatus according to claim 21,  
15 wherein the electronic apparatus comprises an electrical  
storage, and light emission control means for lighting the first  
display screen and the second display screen when the electrical  
storage is charged.

20 27. The electronic apparatus according to claim 26,  
wherein the light emission control means comprises a recording  
medium on which is recorded a control program for lighting the  
first display screen and the second display screen.

25 28. The electronic apparatus according to claim 26,

wherein the light emission control means comprises a recording medium on which is recorded a control program for lighting an inverted display screen whose contrast is inverted from that of a normal display screen.

5

29. The electronic apparatus according to claim 26, wherein the light emission control means comprises a recording medium on which is recorded a control program for lighting a pixel which is less in deterioration.

10

30. An electronic apparatus comprising:

a light emitting element formed on a light transmissive substrate; and

display means for emitting light from the light emitting  
15 element to the light transmissive substrate side and the opposite side thereof so as to form a first display surface and a second display surface,

wherein a first display screen is formed on the first display surface and a plurality of second display screens are  
20 formed on the second display surface.

31. The electronic apparatus according to claim 30, wherein the electronic apparatus is a personal computer.

25

32. The electronic apparatus according to claim 21,

wherein the electronic apparatus is a video camera.

33. The electronic apparatus according to claim 30,  
wherein the electronic apparatus is a digital camera.

5

34. The electronic apparatus according to claim 30,  
wherein the electronic apparatus is a portable communication  
tool.

10

35. The electronic apparatus according to claim 30,  
wherein the electronic apparatus comprises an electrical  
storage, and light emission control means for lighting the first  
display screen and the plurality of second display screens when  
the electrical storage is charged.

15

36. The electronic apparatus according to claim 35,  
wherein the light emission control means comprises a recording  
medium on which is recorded a control program for lighting the  
first display screen and the plurality of second display  
20 screens.

37. The electronic apparatus according to claim 35,  
wherein the light emission control means comprises a recording  
medium on which is recorded a control program for lighting an  
25 inverted display screen whose contrast is inverted from that



of a normal display screen.

38. The electronic apparatus according to claim 35,  
wherein the light emission control means comprises a recording  
5 medium on which is recorded a control program for lighting a  
pixel which is less in deterioration.

39. An electronic apparatus comprising:

a first housing and a second housing which are connected  
10 to each other so as to be used both in open position and closed  
position;

display means having a light emitting element formed  
over a light transmissive substrate mounted in the first housing,  
which emits light from the light emitting element to the light  
15 transmissive substrate side and the opposite side thereof so  
as to form a first display surface and a second display surface;

detecting means for detecting a signal corresponding  
to an angle between the first housing and the second housing;  
and

20 switching means for changing a scan direction of the  
display means in accordance with a signal output from the  
detecting means.

40. The electronic apparatus according to claim 39,  
25 wherein the electronic apparatus is a personal computer.

41. The electronic apparatus according to claim 39,  
wherein the electronic apparatus is a video camera.

5           42. The electronic apparatus according to claim 39,  
wherein the electronic apparatus is a digital camera.

43. The electronic apparatus according to claim 39,  
wherein the electronic apparatus is a portable communication  
10 tool.

44. The electronic apparatus according to claim 39,  
wherein the electronic apparatus comprises an electrical  
storage, and light emission control means for lighting a display  
15 screen when the electrical storage is charged.

45. The electronic apparatus according to claim 44,  
wherein the light emission control means comprises a recording  
medium on which is recorded a control program for lighting the  
20 display screen.

46. The electronic apparatus according to claim 44,  
wherein the light emission control means comprises a recording  
medium on which is recorded a control program for lighting an  
25 inverted display screen whose contrast is inverted from that

of a normal display screen.

47. The electronic apparatus according to claim 44,  
wherein the light emission control means comprises a recording  
5 medium on which is recorded a control program for lighting a  
pixel which is less in deterioration.